

ORLANDO RODRIGUEZ

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orlandorodriguez.xyz

EDUCATION

BS IN COMPUTER SCIENCE, DATA SCIENCE & MINOR IN SPANISH LANGUAGE
University of Arizona Honors College

2023
Tucson, Arizona

SKILLS

C	Java	Python	Bash/Shell Scripting	HTML
CSS/Bootstrap	JS/ReactJS	PHP	SQL	nginx
LaTeX	Markdown	VBox	Linux	HPC Clusters

EXPERIENCE

WEB DESIGN

Creator of orlandorodriguez.xyz

2018-Present

- Manage domain and hosting for sites using Debian server with nginx
- Feature current projects and link to Github
- Frequently publish articles about computer science, statistics, technology, and philosophy

SYMMETRY DETECTION AND CLASSIFICATION IN DRAWINGS OF GRAPHS

Research Assistant
University of Arizona

2020
Tucson, Arizona

- Collaborated with research team to implement Graph Neural Networks to detect common and abstract symmetries in graph drawings
- Used High-Performance Computing cluster to regularly conduct intensive neural network training and prediction experiments
- Applied Linux knowledge to create job scripts with PBS directives

UA CYBERCATS

Member
University of Arizona

2019-Present
Tucson, Arizona

- Participated in hacking competitions and learned about Offensive Security
- Experienced with Kali Linux

CREATED LINUX DISTRIBUTION

Creator of Orlix

2020

- Minimalist Arch Linux variant featured on orlandorodriguez.xyz
- Lightweight with emphasis on productivity and high-speed programming

LEADERSHIP EXPERIENCE

WILDCAT ÉPÉE FENCING CLUB

Secretary
University of Arizona

2019-Present
Tucson, Arizona

- Represent the university by traveling across the country to tournaments
- Regularly compile team statistics, track attendance, and negotiate with campus Recreation Center to approve events
- Collaborate daily with members to create a fun team environment
- Manage the team website at uawildcatfencing.com

AWARDS AND HONORS

TEXAS INSTRUMENTS 3RD PLACE HIGH SCHOOL AWARD

March 2019

- Awarded at Southern Arizona Research Science and Engineering Foundation

NATIONAL MERIT HISPANIC SCHOLAR 2019

2019